

ABSTRACT OF DISCLOSURE

A method is provided for sending ultrawide bandwidth signals from first and second wireless networks across an available wireless bandwidth. This method can provide a gap in the available bandwidth to reduce interference with other devices that might use the frequencies in that gap. This is useful in ultrawide bandwidth implementations to avoid interference with devices in the UNII band. The available wireless bandwidth is divided into high and low bands, and each of these bands can be used by a different overlapping network. By adjusting the center frequencies and the 3 dB bandwidths of the high and low bands, the size and placement of the gap can be determined.